

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the present application.

LISTING OF CLAIMS:

Claims 1 to 7. (Canceled).

8. (Currently Amended) A method for coating a hollow body, comprising the steps of:

contacting a powder mixture with an inner surface of the hollow body to be coated, the powder mixture including a metal donor powder, an inert filler powder and an activator powder, the activator powder including a metal halide; and

heating the powder mixture;

wherein a mean particle size of the inert filler powder is approximately equal to a mean particle size of the metal donor powder;

wherein the mean particle size of the metal donor powder and the mean particle size of the inert filler powder are greater than 40 μm ;

wherein a metal donor powder content is 10% to 25% by weight of the powder mixture; and

wherein the metal donor powder includes a mixture of more than one alloy a first alloy having a donor metal content of 40% to 70% by weight and a second alloy having a donor metal content of 30% to 50% by weight; and

wherein depletion of the metal donor in the first and second alloys takes place in steps with a time delay.

9. (Previously Presented) The method according to claim 8, wherein the metal donor powder includes an alloy having a donor metal content of 20% to 80% by weight.

Claim 10. (Canceled).

11. (Previously Presented) The method according to claim 8, wherein the powder mixture includes an activator powder content of 2% to 5% by weight.

12. (Previously Presented) The method according to claim 8, wherein the metal halide of the activator powder includes a metal halide of a donor metal.

13. (Previously Presented) The method according to claim 8, wherein the donor metal powder includes AlCr.

14. (Previously Presented) The method according to claim 8, wherein the mean particle size of the metal donor powder and the mean particle size of the inert filler powder are approximately 150 μm .

15. (Currently Amended) A method for coating a hollow body, comprising the steps of:

contacting a powder mixture with an inner surface of the hollow body to be coated, the powder mixture including a metal donor powder, an inert filler powder and an activator powder, the activator powder including a metal halide; and

heating the powder mixture;

wherein a mean particle size of the inert filler powder is equal to a mean particle size of the metal donor powder;

wherein the mean particle size of the metal donor powder and the mean particle size of the inert filler powder are greater than 40 μm ; and

wherein a metal donor powder content is 10% to 25% by weight of the powder mixture;

wherein the metal donor powder includes a mixture of a first alloy having a donor metal content of 40% to 70% by weight and a second alloy having a donor metal content of 30% to 50% by weight; and

wherein a coating formed on the hollow body has a higher ductility on inner surfaces of the hollow body.

16. (Currently Amended) The method according to claim 15 [[8]], wherein the metal donor powder includes an alloy having a donor metal content of 20% to 80% by weight.

Claim 17. (Canceled).

18. (Currently Amended) The method according to claim 15 [[8]], wherein the powder mixture includes an activator powder content of 2% to 5% by weight.
19. (Currently Amended) The method according to claim 15 [[8]], wherein the metal halide of the activator powder includes a metal halide of a donor metal.
20. (Currently Amended) The method according to claim 15 [[8]], wherein the donor metal powder includes AlCr.
21. (Currently Amended) The method according to claim 15 [[8]], wherein the mean particle size of the metal donor powder and the mean particle size of the inert filler powder are approximately 150 μm .
22. (Previously Presented) The method according to claim 15, wherein the metal donor powder includes a mixture of a first alloy having a donor metal content of 40% to 70% by weight and a second alloy having a donor metal content of 30% to 50% by weight.